AMENDMENT TO THE CLAIMS

Please replace all previous versions of the claims with the following rewritten claims listing.

Listing of Claims:

1. (Currently Amended) A liquid crystal display device comprising:

a liquid crystal panel including a first display signal wire having a plurality of [[a]]first display signal lines, a second display signal wire having a plurality of [[a]]second display signal lines that cross the first display signal lines, a plurality of switching elements each of which is connected to both of one of the first display signal lines and one of the second display signal lines, and pixel electrodes connected to the switching elements;

a first driving signal wire transmitting driving signals from an outside of the display panel to the first display signal lines, wherein the first driving signal wire is separated from the first and second display signal wires, the switching elements, and the pixel electrodes, and includes a first pad connected thereto at ~~its near~~ a first end thereof, and a second pad connected thereto at a second end thereof; and

a plurality of first connecting lines disposed between the first driving signal wire and a part of the first display signal wire, and connected to the first driving signal wire;

wherein the first connecting lines are electrically disconnected from the part of the first display signal wire.

2. (Previously Presented) The liquid crystal display device of claim 1, further comprising a plurality of drivers respectively connected to the first driving signal wire.

3. (Previously Presented) The liquid crystal display device of claim 2, wherein each of the drivers is in the form of a chip.

4. (Previously Presented) The liquid crystal display device of claim 3, wherein each of the drivers is formed on the liquid crystal panel.

5. (Previously Presented) The liquid crystal display device of claim 4, wherein each of the drivers is directly connected to the first driving signal wire.

6. (Cancelled)

7. (Previously Presented) The liquid crystal display device of claim 1, further comprising a second driving signal wire transmitting driving signals for first display signal lines, wherein the second driving signal wire is separated from the first and second display signal wires, the switching elements, and the pixel electrodes, and includes a second pad connected thereto at its near end.

8. (Previously Presented) The liquid crystal display device of claim 7, wherein a distance between the first driving signal wire and the first display signal wire is smaller than a distance between the second driving signal wire and the first display signal wire.

9. (Previously Presented) The liquid crystal display device of claim 7, further comprising a plurality of second connecting lines disposed between the second driving signal wire and at least another part of the first display signal wire, and connected to the second driving signal wire,

wherein the second connecting lines are electrically disconnected from the another part of the first display signal wire.

10. (Previously Presented) The liquid crystal display device of claim 9, wherein the first and second connecting lines are alternately disposed.

11. – 12. (Cancelled)

13. (Previously Presented) The liquid crystal display device of claim 1, wherein the first connecting line is electrically connected to the first display signal wire and the first driving signal wire.

14. (Previously Presented) The liquid crystal display device of claim 1, further comprising a shorting bar connected to the first driving signal wire.

15. (Previously Presented) The liquid crystal display device of claim 1, wherein the first driving signal wire further comprises a plurality of second pads connected thereto at its intermediate portion.

16. – 17. (Cancelled)

18. (Previously Presented) The liquid crystal display device of claim 1, wherein the first driving signal wire extends to an edge of the panel.

19. (Previously Presented) The liquid crystal display device of claim 1, wherein the first display signal wire transmits gate signals for turning on and off the switching elements, and the second display signal wire transmits data signals for the pixel electrodes applied through the switching elements.

20. (Previously Presented) The liquid crystal display device of claim 19, wherein the first driving signal wire transmits a gate-off voltage or a ground voltage.

21. (Previously Presented) The liquid crystal display device of claim 2, wherein the first display signal wire transmits data signals for the pixel electrodes, and the second display signal wire controls turning on and off of the switching elements such that the transmission of the data signals to the pixel electrodes is controlled.

22. (Previously Presented) The liquid crystal display device of claim 21, wherein the first driving signal wire transmits gray voltages, a clock signal, or a driving voltage to the drivers.

23. – 25. (Cancelled)

26. (Previously Presented) The liquid crystal display device of claim 1, further comprising a second driving signal wire transmitting driving signals from an outside of the display panel to the first display signal lines, wherein the second driving signal wire is separated from the first and second display signal wires, the switching elements, and the pixel electrodes, and includes a second pad connected thereto at its near end.

27. (Previously Presented) A liquid crystal display device comprising:

a liquid crystal panel including:

a substrate;

a gate driver disposed on the substrate;

a plurality of gate lines electrically connected to the gate driver;

a plurality of data lines disposed substantially perpendicular to the plurality of gate lines;

a plurality of switching elements, each switching element being connected to at least one gate line and at least one data line; and

a plurality of pixel electrodes, each pixel electrode being connected to at least one switching element; and

a first driving signal line configured to transmit driving signals from an outside of the display panel to the gate driver and also configured to transmit a first test signal via a plurality of first connecting lines to at least one of the plurality of gate lines,

wherein each first connecting line is disposed between, and connected to, the first driving signal line and at least one of the plurality of gate lines.

28. (Previously Presented) The liquid crystal display device of claim 27, wherein the gate driver is an integrated chip.

29. (Previously Presented) The liquid crystal display device of claim 27, wherein the plurality of first connecting lines is configured to be severable along a single linear cutting path.

30. (Previously Presented) The liquid crystal display device of claim 27, further comprising a shorting bar intersecting the data lines and the first driving signal line,

wherein the shorting bar is configured to be removed by edge grinding along a cutting line.

31. (Previously Presented) The liquid crystal display device of claim 27, further comprising:

a second driving signal wire configured to transmit driving signals from an outside of the display panel to the gate driver and also configured to transmit a second test signal via a plurality of second connecting lines to at least one of the plurality of gate lines,

wherein each second connecting line is disposed between, and connected to, the second driving signal wire and at least one of the plurality of gate lines, the second driving signal wire is disposed between the first driving signal wire and the plurality of gate lines, and the first connecting lines are longer than the second connecting lines.

32. (Previously Presented) A liquid crystal display device comprising:

a liquid crystal panel including:

a substrate;

a gate driver disposed on the substrate;

a plurality of gate lines electrically connected to the gate driver;

a plurality of data lines disposed substantially perpendicular to the plurality of gate lines;

a plurality of switching elements, each switching element being connected to at least one gate line and at least one data line; and

a plurality of pixel electrodes, each pixel electrode being connected to at least one switching element;

a driving signal line configured to transmit driving signals from an outside of the display panel to the gate driver and also configured to transmit a test signal via a plurality of connecting lines to at least one of the plurality of gate lines,

wherein each connecting line is disposed between, and connected to, the driving signal line and the at least one of the plurality of gate lines, and the driving signal line and the connecting lines are disposed at substantially the same cross-sectional height from the substrate.

33. (Previously Presented) A liquid crystal display device comprising:

a liquid crystal panel including:

a substrate;

a plurality of gate lines disposed on the substrate;

a plurality of data lines disposed substantially perpendicular to the plurality of gate lines;

a data driver electrically connected to the plurality of data lines;

a plurality of switching elements, each switching element being connected to at least one gate line and at least one data line; and

a plurality of pixel electrodes, each pixel electrode being connected to at least one switching element;

a driving signal line configured to transmit driving signals from an outside of the display panel to at least one of the plurality of data lines and the data driver; and

a plurality of connecting lines, each connecting line being disposed between, and connected to, the driving signal line and at least one of the plurality of data lines.